



MOKO SMART

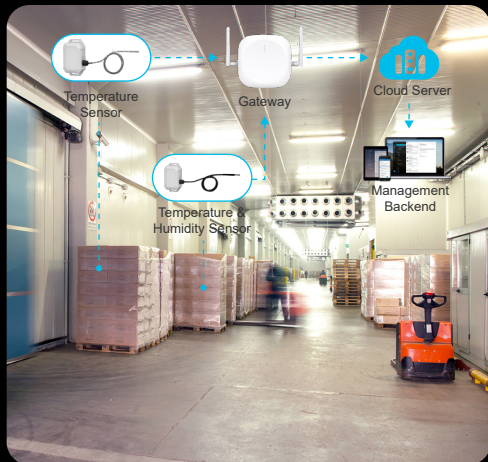
External Sensor Probe Extreme Environments Adaptive

M3 Probe External Sensor Probe

Equipped with Bluetooth Low Energy technology, the M3 Probe with various sensor is waterproof and robust.

Optional equipped with temperature&humidity sensor, water leakage detection sensor or PT100 sensor, this sensor adapts to extreme environments to meet the traceability demands of the cold chain logistics or the monitoring demands of smart buildings.

Usage Scenario



General Specs

Connectivity:	BLE 5.0
Dimensions:	122.6*72.9*33.8mm (Body) Φ3*1000mm (Probe)
Color:	Gray
Material:	PC + ASA
IP rating:	IP67
Battery capacity:	8000mAh replaceable battery

Battery lifespan:	10+ years
Operating temperature:	-40°C to 85°C (Body) -100°C/100°C or -50°C/200°C (Probe)
Transmission range:	Up to 150m - 1M PHY (Legacy)
Installation:	Sticker Screw
Certification:	FCC CE RoHS REACH

Sensor Probe Specs

Temperature & Humidity sensor

Sensor model:	SHT3x or SHT4x
Accuracy tolerance:	±0.5°C (Condition: 0°C - 60°C) ±3% RH (Condition: 20% - 80% RH)
Operating temperature:	-40°C - 125°C 0 - 100 %RH
Probe length:	1 meter (customizable)

Temperature sensor

Sensor model:	PT100
Accuracy tolerance:	±0.5°C (condition: 0°C - 60°C)
Operating conditions:	-100°C - 200°C
Probe length:	1 meter (customizable)



Temperature & Humidity sensor



Temperature sensor



Water leakage

